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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
Division of Dairy and Poultry Products

SUPPLEMENT TO

HANDBOOK OF DAIRY STATISTICS

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The statistics contained herein, supplement those in the Handbook of Dairy Statistics issued in 1928. The names and numbers of the tables in this supplement are the same as those in the Handbook. The tables omitted from the supplement are either of minor importance now or for which later data are not available.

Official figures are given when available. Figures in tables 3, 4, 5, and 6 were estimated by T.R. Pirtle and P.F. Brookens.

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Washington, D.C.

April, 1930

Table 2 - Cows and Dairy Cows: Number in Various Countries (Official sources)

Country	Year	Thousands
India (British & Native States) -	1926-27	67,156
Russia (U.S.S.R.) - - - - -	1928	29,737
United States, on farms - - - - -	1930	22,499 3/
Germany - - - - -	1929	9,474 3/
France - - - - -	1929	8,118
Poland - - - - -	1927	5,778
Italy - - - - -	1927	4,010 1/
Canada - - - - -	1929	3,778 3/
Argentina 2/	- - - - -	2,752 3/
Cuba - - - - -	1926	2,454
Australia - - - - -	1928	2,423 3/
Czechoslovakia - - - - -	1926	2,331
Rumania - - - - -	1929	2,111
England and Wales - - - - -	1929	2,054 3/
Union of South Africa - - - - -	1928	2,042 3/
Finland - - - - -	1929	1,917
Sweden - - - - -	1927	1,865
Yugoslavia - - - - -	1928	1,641
Denmark - - - - -	1929	1,579
New Zealand - - - - -	1929	1,371
Netherlands - - - - -	1927	1,250
Irish Free State - - - - -	1929	1,227
Austria - - - - -	1926	1,074 1/
Hungary - - - - -	1929	1,056
Belgium - - - - -	1929	908
Switzerland - - - - -	1928	880
Norway - - - - -	1928	799
Latvia - - - - -	1928	692
Spain - - - - -	1925	612 3/
Estonia - - - - -	1928	404
Greece - - - - -	1929	303
North Ireland - - - - -	1929	246
Chile - - - - -	1926	215
Japan - - - - -	1926	69 3/

1/ Including buffaloes.

2/ For the province of Buenos Aires only.

3/ Indicating that cows enumerated were dairy cows.

3.

Table 3, - Milk Yield: Average per cow per year
in various Countries

Country	Year	Milk Yield
Friesland, Netherlands	1922	9,632 Lbs.
Normandy, France	1928	8,282 "
Switzerland	1928	6,834 "
Netherlands	1923	6,800 "
Denmark	1927	6,698 "
Sweden	1922	5,060 "
New Zealand	1927	5,050 "
Germany	1928	5,043 "
United States	1926	3,784 " <u>1/</u>
France	1929	4,728 "
Austria	1926	4,677 "
Japan	1926	4,628 "
Latvia	1927	4,410 "
Ireland (All)	1921	4,325 "
Finland	1927	4,178 "
Czechoslovakia	1928	4,058 "
Canada	1927	4,010 "
Estonia	1927	3,662 "
Norway	1927	3,315 "
Italy	1927	2,976 "
Chile	1927	2,132 "
Australia	1927	1,845 " <u>2/</u>
Russia (U.S.S.R.)	1928	2,318 "

1/ Census.

2/ Many cows not milked full year.

Table 4 - Consumption of Whole Milk: Per capita
per year in various Countries

Country	Year	Gallons
Finland	1928	83.9
Switzerland	1927	70.4
Sweden	1914	69.7
Norway	1927	56.0
United States	1926	55.3
Canada	1927	51.0
Czechoslovakia	1928	45.8
Austria	1926	45.0
Netherlands	1927	42.7
New Zealand	1927	37.4
Australia	1926	37.1
Great Britain	1922	30.9
Germany	1928	27.3
France	1928	25.0
Denmark	1927	22.0
Spain	1925	13.8
Chile	1927	7.2
Japan	1926	.4

Table 5 - Consumption of Butter: Per capita per year in various Countries

Country	Year	Pounds
New Zealand - - - - -	1926-8	34.1
Australia - - - - -	1928	29.8
Canada - - - - -	1928	29.3
Finland - - - - -	1927	20.7
Germany - - - - -	1928	19.7
Sweden - - - - -	1926	18.6
United States - - - - -	1928	17.3
Great Britain - - - - -	1927	16.0
Switzerland - - - - -	1928	13.0
Netherlands - - - - -	1927	12.6
Denmark - - - - -	1927	12.2
Union of South Africa - - -	1927	12.0 <u>1/</u>
Czechoslovakia - - - - -	1928	9.9
Norway - - - - -	1927	9.6
France - - - - -	1929	8.5
Russia (U.S.S.R.) - - - - -	1928	5.4
Austria - - - - -	1928	3.3
Argentina - - - - -	1928	3.2 <u>2/</u>
Italy - - - - -	1927	2.8

1/ For the white population only.

2/ Factory production only.

6.

Table 6 - Consumption of Cheese: Per capita per year in various Countries

Country	Year	Pounds
Switzerland	1928	24.0
Netherlands	1923	13.5
Italy	1928	12.1
Norway	1927	10.7
Germany	1928	10.6
France	1925	10.5
Great Britain	1927	10.0
Denmark	1927	10.0
Sweden	1926	8.3
Austria	1926	6.1
New Zealand	1926-8	5.7
United States	1928	4.1
Union of South Africa	1927	4.0 1/
Australia	1928	3.5
Canada	1928	3.5
Czechoslovakia	1928	3.3
Finland	1927	3.2
Argentina	1924	1.9 2/
Chile	1927	1.8

1/ For white population only.

2/ Factory product only.

Table 7 - Consumption of Dairy Products: Per capita per year in the United States

Year	Butter (Lbs)	Cheese (Lbs)	Condensed Milk (Lbs)	Evaporated Milk (Lbs)	Ice Cream (Gals)
1927	17.62	4.14	2.60	11.59	2.85
1928	17.34	4.11	2.56	12.50	2.90

Table 23 - Number of Cow-Testing and Bull Associations in the United States

On January 1	Cow Testing Associations	Bull Associations
1928	947	235
1929	1,090	339
1930	1,143	296

Table 24 - Data from 656 Cow-Testing Associations in the United States for 1927-1928

Number of cow-years	- - - - -	201,590
Average pounds of milk	- - - - -	7,464
Average butterfat (per cent)	- - - - -	3.9
Average pounds of fat	- - - - -	295
Average price of butterfat	- - - - -	\$ 0.66
Average price of product	- - - - -	193.00
Average cost of roughage	- - - - -	39.00
Average cost of grain	- - - - -	38.00
Average total feed cost	- - - - -	77.00
Average income over cost of feed	- - - - -	116.00
Average return for \$1 expended	- - - - -	2.42
	(January 1, 1928	- 414,891
Number of cows under test	(January 1, 1929	- 465,804
	(January 1, 1930	- 507,549

3.

Table 27 - Cows and Heifers, 2 Years Old and Over,
Kept for Milk, in the United States.

On January 1	Number on Farms
1927 - - - - -	21,801,000
1928 - - - - -	21,828,000
1929 - - - - -	21,919,000
1930 - - - - -	22,499,000

1/ Preliminary.

Table 32 - Number of Cattle Registered by the
Ayrshire Breeders' Association

During Year	Bulls	Cows	Total
1927 - - - - -	1,847	6,554	8,401
1928 - - - - -	2,274	7,837	10,111
1929 - - - - -	2,586	8,833	11,419

Table 33 - Number of Cattle Registered by the
American Guernsey Cattle Club

During Year	Bulls	Cows	Total
1928 - - - - -	14,363	24,664	39,027
1929 - - - - -	14,661	26,288	40,949

Table 34 - Number of Cattle Registered by the
Holstein-Friesian Association of America

During Year Ending (April 30)	Bulls	Cows	Total
1927 - - - - -	28,817	81,146	109,963
1928 - - - - -	33,512	88,214	121,726
1929 - - - - -	34,438	89,927	125,365

9.

Table 35 - Number of Cattle Registered by the
American Jersey Cattle Club

During Year	Bulls	Cows	Total
1927 - - - - -	15,666	48,411	64,077
1928 - - - - -	19,393	54,516	73,909
1929 - - - - -	19,230	52,431	71,861

Table 36 - Number and Value of Cattle Imported Into
the United States for all Purposes

Year	Cattle	
	Number.	Value
1927 - - - - -	445,345	\$16,449,999
1928 - - - - -	535,721	21,576,620
1929 - - - - -	530,749	21,773,334

Table 37 - Number and Value of Cattle Exported from
the United States

Year	Cattle	
	Number	Value
1927 - - - - -	18,679	\$ 1,204,326
1928 - - - - -	11,267	951,327
1929 - - - - -	7,509	672,956

Table 40 - Annual Receipts of Market Milk in
New York, Philadelphia, and Boston

Year	New York City	Philadelphia
	(Gallons)	(Gallons)
1927 - - - -	423,108,910	75,240,103
1928 - - - -	430,680,860	--
1929 - - - -	438,487,110*	94,074,140*

* For Metropolitan area, B.A.E. reports.

Table 46 - Butter: Total Production of Farm and
Factory Butter
(Thousand pounds - i.e. 000 - omitted)

Year	Creamery Butter	Whey Butter	Farm made Butter	Total Butter
1927	1,496,495	1,217	600,000	2,097,712
1928	1,437,049	1,097	590,000	2,078,146
1929	--	--	580,000	--

Table 49 - Apparent Consumption of Butter by Months
(Thousand pounds - i.e. 000 - omitted)

Month	1927	1928
Jan.	151,019	156,593
Feb.	140,026	146,476
Mar.	153,242	160,516
Apr.	173,518	164,379
May	212,098	209,772
June	201,090	202,737
July	185,532	185,928
Aug.	188,803	189,164
Sept	179,878	176,379
Oct.	176,176	171,922
Nov.	153,942	158,919
Dec.	163,347	156,981
Total	2,088,671	2,030,316

Table 50 - Butter Receipts, Net Weight, on New York,
Chicago, Philadelphia, Boston & San Francisco
(Thousand pounds - i.e. 000 - omitted)

Year	New York	Chicago	Philadelphia	Boston	San Francisco
1927	221,944	194,434	67,688	74,935	22,702
1928	215,473	192,936	70,712	78,333	20,474
1929	229,331	205,491	73,404	73,058	21,382

Table 51 - Butter Receipts, net weight, of Four Markets combined, by months. (New York, Chicago,
Philadelphia and Boston)

(Thousand pounds - i.e. 000 - omitted)

Month	1927	1928	1929	1930
Jan.	36,105	40,941	43,255	42,155
Feb.	36,942	39,077	39,933	39,692
Mar.	43,408	44,174	44,644	45,580
Apr.	46,035	43,136	46,558	
May	61,224	52,634	60,592	
June	73,045	67,448	67,059	
July	64,801	63,033	65,859	
Aug.	55,212	53,360	53,122	
Sept	40,287	43,321	43,148	
Oct.	36,654	40,180	41,714	
Nov.	32,300	35,027	36,894	
Dec.	32,542	35,124	38,507	
Total	558,556	557,454	581,284	

Table 52 - Butter Imports and Exports

	General Imports		Domestic Exports	
	Pounds	Value	Pounds	Value
1927	8,459,741	\$2,871,977	4,343,142	\$2,009,710
1928	4,659,238	1,659,402	3,898,157	1,860,773
1929	2,772,983	1,036,378	3,724,245	1,793,473

12.

Table 53 - Creamery Butter in Storage on the First
of each month in the United States
(Thousand pounds - i.e. 000 - omitted)

Month	1928	1929	1930
Jan.	46,289	43,783	81,935
Feb.	28,273	24,747	60,230
Mar.	14,404	11,910	46,530
Apr.	5,716	5,532	30,503 1/
May	5,109	5,883	
June	15,952	28,369	
July	69,750	91,962	
Aug.	120,437	151,621	
Sept.	136,175	168,952	
Oct.	128,071	158,541	
Nov.	105,811	138,405	
Dec.	70,985	111,650	

1/ Preliminary.

Table 54 - Price of Creamery Butter, Average Monthly
Wholesale price of Extras, or Equivalent Grade
on New York market

Month	1928	1929	1930
	Cents	Cents	Cents
Jan.	48.76	47.94	36.63
Feb.	46.62	49.89	35.70
Mar.	49.44	48.45	37.27
Apr.	45.49	45.35	
May	44.93	43.54	
June	44.13	43.54	
July	44.93	42.42	
Aug.	46.93	43.45	
Sept.	48.75	46.22	
Oct.	47.79	45.56	
Nov.	50.57	42.70	
Dec.	50.46	41.10	
Average	47.40	45.01	

Table 56 - Price of Butter: Average Weekly Wholesale Price for Highest Grade of Butter on the San Francisco Market

Year	Average Price per Pound	
	Cents	
1927	- - - - -	45.3
1928	- - - - -	46.1
1929	- - - - -	45.7

Table 57 - Production and Exportation of Renovated Butter

Year	Production (Lbs)	Exportation
		(Lbs)
1927	- - - - -	4,272,033 (None Reported)
1928	- - - - -	3,160,465
1929	- - - - -	3,040,895

Table 58 - Production and Exportation of Oleomargarine

Year (June 30)	Production	Exportation
1927	- - - - -	257,156,627 2,134,221
1928	- - - - -	294,699,289 1,791,668
1929	- - - - -	333,121,451 2,147,608

Table 59 - Cheese: Total Production of Farm and Factory Cheese in the United States
(Thousand pounds - i.e. 000 - omitted)

Year	Factory Cheese	Farm Cheese	Total Cheese
1927	- - -	406,686	None 406,686
1928	- - -	437,519	" 437,519

Table 64 - Cheese in Storage: Quantity of American Cheddar in Storage Warehouses of the United States on the First of each Month
(Thousand pounds - i.e. 000 - omitted)

Month	1928	1929	1930
Jan.	47,765	68,075	63,478
Feb.	41,793	57,764	53,672
Mar.	36,710	59,546	47,818
Apr.	31,887	45,105	41,970 1/
May	30,207	42,032	
June	36,716	47,641	
July	53,646	62,737	
Aug.	73,088	79,907	
Sept.	83,906	86,558	
Oct.	81,833	84,815	
Nov.	82,318	78,058	
Dec.	74,325	71,065	

Table 65 - Apparent Monthly Consumption of Cheese
(Thousand pounds - i.e. 000 - omitted)

Month	1927	1928
Jan.	37,492	38,244
Feb.	35,047	38,214
Mar.	41,747	41,575
Apr.	41,588	43,903
May	47,223	46,452
June	44,352	43,014
July	33,957	34,461
Aug.	41,956	36,541
Sept.	43,641	48,660
Oct.	47,212	43,522
Nov.	39,777	42,506
Dec.	37,100	36,565
Total	491,092	493,657

(1929 figures available about July 1, 1930.)

Table 66 - Imports and Exports of Cheese

Year	Imports (Lbs)	Exports (Lbs)
1927	79,796,062	3,410,289
1928	80,432,272	2,599,947
1929	76,381,795	2,646,000

Table 68 - Cheese Prices: Average of the highest Quotation on American Cheddar Cheese in New York State and New York Market

Year	Price per Pound
	Cents
1928	25.0
1929	23.7

Table 69 - Swiss Cheese Price: Average of highest Wholesale Quotations on Domestic Swiss Cheese (round) on the Chicago Market

Year	Price per Pound
	Cents
1927	33.6
1928	34.5
1929	--

Table 70 - Production of Condensed and Evaporated Milk

Year	As Reported by the Census (Lbs)	Year	As Reported by the
			Bur. of Agr. Econ. (Lbs)
1927	1,985,000,000	1927	1,855,722,000
		1928	1,918,427,000

Table 72 - Imports and Exports of Condensed and Evaporated Milk

Year	Imports	Exports
	(Lbs)	(Lbs)
1927	2,623,910	93,402,532
1928	2,609,470	115,551,387
1929	2,634,057	109,184,425

Table 76 - Stocks of Condensed and Evaporated Milk:
Total in manufacturers' hands
on the first of each month
(case and bulk)
(Thousand pounds - i.e. 000 - omitted)

Month	1928	1929	1930
Jan.	173,624	176,193	261,243
Feb.	147,774	153,976	221,348
Mar.	119,314	131,543	192,562 1/
Apr.	100,299	127,421	
May	124,361	150,959	
June	156,643	201,379	
July	244,473	230,740	
Aug.	232,131	346,344	
Sept	212,169	334,795	
Oct.	211,513	310,095	
Nov.	203,605	300,972	
Dec.	192,093	233,307	

1/ Preliminary.

Table 79 - Dry Skim Milk: Total Stocks in Manufacturers' hands on the first of each month
(Thousand pounds - i.e. 000 - omitted)

Month	1923	1929	1930
Jan.	4,539	10,337	28,066
Feb.	7,233	11,794	27,503
Mar.	3,216	11,525	23,637 1/
Apr.	8,450	12,892	
May	10,875	15,527	
June	14,245	21,264	
July	18,432	27,800	
Aug.	18,542	30,732	
Sept	16,973	29,843	
Oct.	16,167	27,649	
Nov.	13,671	26,596	
Dec.	11,309	26,313	

1/ Preliminary.

Table 81 - Casein: Production, importation: Value of Imports, and Import Price

Year	Production	Imports	Value of	Import
			Imports	Price per
	(Lbs)	(Lbs)	Dollars	Pound
1927	18,033,000	24,209,504	3,119,668	12.9
1928	22,151,000	28,651,215	3,677,941	12.8
1929	--	27,583,339	3,323,130	12.0

Table 83 - Ice Cream: Estimated total Production in the United States

Year	Total Production	
	Gallons	
1927	- - - - -	335,628,000
1928	- - - - -	348,046,000

Table 85 - Balance of Trade of Dairy Products

Year	Butter			Milk Equivalent
	Exports (Lbs)	Imports (Lbs)	Net (Lbs)	(Lbs)
1928	3,897,357	4,659,136	761,279im	15,986,859im
1929	3,724,245	2,772,983	951,262ex	19,976,502ex

Cheese

1928	2,599,947	80,432,272	77,833,325im	778,333,250im
1929	2,646,009	76,381,795	73,735,786im	737,357,860im

Condensed and Evaporated Milk

1928	115,413,722	2,608,870	112,804,852ex	282,012,130ex
1929	109,184,425	2,634,057	106,550,368ex	266,375,920ex

Combined Butter, Cheese & Condensed & Evaporated Milk

1928	- - - - -	- - - - -	- - - - -	512,307,979im
1929	- - - - -	- - - - -	- - - - -	451,005,438im

Table 86 - Tariff Rates on Dairy Products

July 8, 1927 - Swiss cheese $7\frac{1}{2}$ cents per pound, but not less than $37\frac{1}{2}$ cents ad valorum.

May 14, 1929 - Fresh milk raised to $3\frac{3}{4}$ cents per gallon and fresh cream to 30 cents per gallon.

May 1, 1930 - (Pending) Butter 14 cents per pound; Cheese 8 cents per pound or 40% ad valorum; condensed milk 2.75 cents per pound; evaporated milk 1.8 cents per pound; dry milk $6\frac{1}{12}$ cents per pound; dry cream $12\frac{1}{3}$ cents per pound; dry buttermilk 3 cents per pound; whole milk $6\frac{1}{2}$ cents per gallon; cream 56.6 cents per gallon, and skim milk $2\frac{1}{20}$ cents per gallon.

